

Form PTO-892 U.S. Department of Commerce	Serial Number <b>09/032,972</b>	Group Art Unit <b>1623</b>	Attachment to Paper Number	<b>20</b>
Notice of References Cited	APPLICANT(S) <b>Krotz et al.</b>			

### U. S. Patent Documents

*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	Filing Date If Appropriate
*	A	5 7 0 5 6 2 1	01/06/98	Ravikumar	536	023.100	
*	B	5 6 1 4 6 2 1	03/25/97	Ravikumar et al.(I)	536	025.340	
*	C	5 5 5 4 7 4 6	09/10/96	Ravikumar et al. (II)	540	200.000	
*	D	5 5 1 0 4 7 6	04/23/96	Ravikumar et al. (III)	536	025.310	
*	E	5 2 1 6 1 4 1	06/01/93	Benner	536	027.130	
*	F	5 7 1 4 5 9 7	02/03/98	Ravikumar et al. (IV)	536	025.310	
*	G	4 9 7 3 6 7 9	11/27/90	Caruthers et al.(I)	536	025.340	
*	H	5 5 4 8 0 7 6	08/20/96	Froehler et al.	536	025.340	
	I	4 4 5 8 0 6 6	07/03/84	Caruthers et al.(II)	536	025.340	
	J	4 5 0 0 7 0 7	02/19/85	Caruthers et al. (III)	536	026.700	
	K	5 1 3 2 4 1 8	07/21/92	Caruthers et al. (IV)	536	025.340	
	AA	R e 3 4 0 6 9	09/15/92	Köster et al.	536	025.330	
	AB	5 0 2 6 8 3 8	06/25/91	Nokiri et al.	536	026.700	


### Foreign Patent Documents

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*	R	Ravikumar et al. (V), "Efficient Synthesis of Deoxyribonucleotide Phosphorothioates by the Use of DMT Cation Scavenger," Tetrahedron Letters, 36(37), 6587-6590 (September 11, 1995).							
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† Month of publication data is unavailable. Issue Number information is provided whenever possible following the volume number in parentheses.


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*A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)		

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**Other References** (Including Author, Title, Date, Pertinent Pages, etc.)

* S	<b>Krotz et al.(I)</b> , "Synthesis and Deprotection of $\beta$ -Silylethyl Protected O, O, O- and O, O, S-Trialkylphosphorothioates," <u>Tetrahedron Letters</u> , 37(12), 1999-2002 (March 18, 1996).
* T	<b>Krotz et al. (II)</b> , "Phosphorothioate Oligonucleotides: Largely Reduced (N-1)-Mer and Phosphodiester Content Through the Use of Dimeric Phosphoramidite Synthons," <u>Bioorganic &amp; Medicinal Chemistry Letters</u> , 7(1), 73-78 (January 7, 1997).
* U	<b>Krotz et al. (III)</b> , "Phosphorothioates: $\beta$ -Fragmentation Versus $\beta$ -Silicon Effect," <u>Angewandte Chemie Intl Ed.</u> , 34(21), 2406-2409 (November 17, 1995).
* V <sup>†</sup>	<b>Gait</b> , "An Introduction to Modern Methods of DNA Synthesis," Ch. 1 in <u>Oligonucleotide Synthesis - A Practical Approach</u> , <b>Gait</b> (ed.), IRL Press, Washington, DC, 1984, only pages 1-22 and index/title supplied.
* W <sup>†</sup>	<b>Sproat et al.(I)</b> , "2'-O-Methyloligoribonucleotides: Synthesis and Applications," Ch. 3 in <u>Oligonucleotides and Analogues - A Practical Approach</u> , <b>Eckstein</b> (ed.), IRL Press, New York, NY, 1991, only title and text pages 49-86 supplied, see especially p. 52.
* X <sup>†</sup>	<b>Connolly</b> , "Oligonucleotides Containing Modified Bases," Ch. 7 in <u>Oligonucleotides and Analogues - A Practical Approach</u> , <b>Eckstein</b> (ed.), IRL Press, New York, NY, 1991, only title and text pages 155-183 supplied , see especially p. 157.

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*	Y†	<b>Conway et al.</b> , "Site-Specific Attachment of Labels to the DNA Backbone," Ch. 9 in <u>Oligonucleotides and Analogues - A Practical Approach</u> , <b>Eckstein</b> (ed.), IRL Press, New York, NY, 1991, only title and text pages 211-239 supplied, see especially p. 218.
*	Z	<b>Atkinson et al.</b> , "Solid-Phase Synthesis of Oligonucleotides by the Phosphite Triester Method," Ch. 3 in <u>Oligonucleotide Synthesis - A Practical Approach</u> , <b>Gait</b> (ed.), IRL Press, Washington, DC, July, 1985, only title and text pages 35-81 supplied, see especially p. 80.
*	RA	<b>Sproat et al.(II)</b> , "Solid-Phase Synthesis of Oligodeoxynucleotides by the Phosphotriester Method," Ch. 4 in <u>Oligonucleotide Synthesis - A Practical Approach</u> , <b>Gait</b> (ed.), IRL Press, Washington, DC, July, 1985, only title and text pages 83-115 supplied , see especially p. 111.
*	SA†	<b>Septak</b> , "Kinetic Studies on Depurination and Detritylation of CPG-Bound Intermediates During Oligonucleotide Synthesis," <u>Nucleic Acids Research</u> , 24(15), 3053-3058 (1996).††

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